

**Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities**

Calculation of the Projected Over or Under Collection of the
2020 - 2021 Winter Cost of Gas Filing
DG 20-141

March 1, 2021

Under/(Over) Collection as of 1/30/2021		\$ 1,336,194
Forecasted firm Residential therm sales 03/01/2021 - 4/30/2021	14,211,566	
Residential Cost of Gas Rate per therm	\$ (0.4276)	
Forecasted firm C&I High Winter Use therm sales 03/01/2021 - 4/30/2021	7,774,181	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4257)	
Forecasted firm C&I Low Winter therm sales 03/01/2021 - 4/30/2021	1,883,043	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4365)	
Forecasted firm GAP-R4 Winter therm sales 03/01/2021 - 4/30/2021	1,019,391	
GAP R-4 Cost of Gas Rate per therm	\$ (0.2352)	
Forecasted firm Residential therm sales 02/2021	8,997,403	
Residential Cost of Gas Rate per therm	\$ (0.4276)	
Forecasted firm C&I High Winter Use therm sales 02/2021	6,223,051	
C&I- High Winter Use Cost of Gas Rate per therm	\$ (0.4257)	
Forecasted firm C&I Low Winter Use therm sales 02/2021	1,095,978	
C&I- Low Winter Use Cost of Gas Rate per therm	\$ (0.4365)	
Forecasted firm GAP-R4 Winter therm sales 02/2021	649,773	
GAP R-4 Cost of Gas Rate per therm	\$ (0.2352)	
Forecast recovered costs at current rate 02/01/2021 - 04/30/2021		(17,575,707)
Estimated FPO Premium 02/01/2021 - 04/30/2021		(1,769,592)
Revised projected gas costs 02/01/2021 - 04/30/2021		20,187,495
Estimated interest charged (credited) to customers 02/01/2021 - 04/30/2021		11,774
Projected under / (over) collection as of 04/30/2021 (A)		\$ 2,190,164

Actual Gas Costs through 01/31/2021	\$ 21,915,201
Revised projected gas costs 02/01/2021 - 04/30/2021	\$ 20,187,495
Estimated total adjusted gas costs 02/01/2021 - 04/30/2021 (B)	\$ 42,102,695

Under/ (over) collection as percent of total gas costs (A/B)	5.20%
--	-------

Projected under / (over) collections as of 04/30/2021 (A)	\$ 2,190,164
Forecasted firm therm sales 03/01/2021 - 04/30/2021	24,888,181
Change in rate used to reduce forecast under/(over) collection	\$ 0.0880
Current Cost of Gas Rate	\$ 0.4276
Revised Cost of Gas Rate	\$ 0.5156
Cap - Residential Cost of Gas Rate	\$ 0.6964

Revised as follows:

The revised projected gas costs include the March 2021 - April 2021
NYMEX settled strip prices as of February 20, 2021.

Liberty Utilities (EnergyNorth Natural Gas) Corp.
d/b/a Liberty Utilities
 Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	Nov-20 (Actual)	Dec-20 (Actual)	Jan-21 (Actual)	Feb-21 (Estimate)	Mar-21 (Estimate)	Apr-21 (Estimate)	Total Peak
Total Gas Costs	2,901,812.6	\$ 3,680,494	\$ 6,977,444	\$ 9,926,014	\$ 7,947,176	\$ 7,441,880	\$ 4,197,524	\$ 40,170,533
Forecasted firm Residential therm sales 01/01/2021 - 4/30/2021								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fore COG Bad Debt		-	-	-	-	-	-	-
Return on Inventory per DG 17-048		71,120	71,120	71,120	73,506	73,506.1	73,506.1	433,878
Fore Transportation Revenue		-	-	-	(250)	(231)	(181)	(662)
Broker Revenue		-	-	-	(6,839)	(6,444)	(5,230)	(18,513)
Fore Off System and Capacity Release		-	-	-	(296,415)	(295,747)	(280,518)	(872,680)
Fixed Price Option Admin.		-	-	-	7,500	7,500	7,500	22,500
Bad Debt Costs	(280,722)	36,230	25,245	24,994	92,446	86,831	50,772	316,519
Working Capital	(73,944)	4,683	10,762	14,595	10,100	9,458	5,335	54,932
Misc Overhead		-	-	-	1,863	1,701	1,031	4,595
Production & Storage		331,833	331,833	331,833	330,071	330,071	330,071	1,985,712
Total Indirect Costs		\$ 443,866	\$ 438,959	\$ 442,541	\$ 211,982	\$ 206,646	\$ 182,287	\$ 1,926,280
Interest		4,985	(52)	949	5,424	3,401	2,949	\$ 17,657
Total Gas Costs plus Indirect Costs	\$ 2,547,146	4,129,345	7,416,351	10,369,504	8,164,582	7,651,927	4,382,760	\$ 44,661,616
Total Forecasted Sales Volumes		11,027,584	18,555,166	24,820,511	16,966,205	15,497,221	9,390,960	96,257,647
Total Forecasted Collections		6,144,588	9,109,559	7,872,007	7,851,323	7,076,928	4,417,048	\$ 42,471,452
With Rate Adjustment	Beginning Under/(Over)	Nov-20 (Actual)	Dec-20 (Actual)	Jan-21 (Actual)	Feb-21 (Estimate)	Mar-21 (Estimate)	Apr-21 (Estimate)	Total Peak
Total Gas Costs		\$ 3,680,494	\$ 6,977,444	\$ 9,926,014	\$ 7,947,176	\$ 7,441,880	\$ 4,197,524	\$ 40,170,533
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		71,120	71,120	71,120	73,506	73,506	73,506	433,878
Transportation Revenue		-	-	-	(250)	(231)	(181)	(662)
Broker Revenue		-	-	-	(6,839)	(6,444)	(5,230)	(18,513)
Off System and Capacity Release		-	-	-	(296,415)	(295,747)	(280,518)	(872,680)
Fixed Price Option Admin.		-	-	-	7,500	7,500	7,500	22,500
Bad Debt Costs		36,230	25,245	24,994	92,446	86,831	50,772	316,519
Working Capital		4,683	10,762	14,595	10,100	9,458	5,335	54,932
Misc Overhead		-	-	-	1,863	1,701	1,031	4,595
Production & Storage		331,833	331,833	331,833	330,071	330,071	330,071	1,985,712
Total Indirect Costs		\$ 443,866	\$ 438,959	\$ 442,541	\$ 211,982	\$ 206,646	\$ 182,287	\$ 1,926,280
Forecasted firm therm sales 12/01/2021 - 4/30/2021		4,985	(52)	949	5,424	3,401	2,949	\$ 17,657
Total Gas Costs plus Indirect Costs	\$ 2,547,146	4,129,345	7,416,351	10,369,504	8,164,582	7,651,927	4,382,760	\$ 44,661,616
Total Forecasted Sales Volumes		11,027,584	18,555,166	24,820,511	16,966,205	15,497,221	9,390,960	96,257,647
Total Forecasted Collections		6,144,588	9,109,559	7,872,007	7,851,323	8,415,454	5,228,301	\$ 44,621,232